

In the Claims:

A complete listing of all claims pending, amended and canceled is included as follows:

What is claimed is:

1. (currently amended) A laparoscopy probe ~~having~~comprising:

- at least one planar ultrasound transducer for emitting a coagulating ultrasound beam;
and
- a channel that opens in the region of said transducer, adapted to transmit a partial vacuum for keeping the laparoscopy probe in place on an organ when emitting the coagulating ultrasound beam to the organ with the at least one planar ultrasound transducer.

2. (previously presented) The probe of claim 1, comprising a probe body wherein the probe body has a channel for inserting an ultrasound angiography probe.

3. (currently amended) The probe of claim 2, ~~having~~comprising a plurality of transducers and a flexible or articulated body.

4. (canceled)

5. (previously presented) The probe of claim 1, wherein the opening of said channel surrounds the transducer.

6. (canceled).

7. (canceled).

8. (currently amended) The probe of claim 1, ~~having~~comprising a plurality of transducers and a flexible or articulated body.

9. (canceled).

10. (canceled).

11. (canceled).

12. (previously presented) The probe of claim 2, wherein the opening of said channel surrounds the transducer.

13. (currently amended) An ultrasound coagulation apparatus, ~~having~~comprising:

- an ultrasound transducer for emitting a coagulating ultrasound beam along a path towards a target to be coagulated, and

- a scalpel blade,

wherein said ultrasound transducer is without a membrane, the coagulation apparatus being arranged without interface part in the path towards the target to be coagulated; and

- said scalpel blade is movable with respect to said transducer when the ultrasound coagulation apparatus is in operation.

14. (currently amended) The apparatus of claim 13, further ~~having~~comprising an imaging transducer.

15. (currently amended) A coagulation instrument ~~comprising~~having:

- a planar ultrasound transducer ~~without a membrane~~,

- a cable, in which;

- the planar ultrasound transducer is mounted in the region of an end of a ~~the~~ cable,

~~in which;~~

- said planar ultrasound transducer is for emitting a coagulating ultrasound beam along a path towards a target to be coagulated;

- said planar ultrasound transducer is without a membrane, the coagulation instrument being arranged without interface part in the path towards the target to be coagulated;

- said planar transducer is powered via said cable; and
- said cable and said planar ultrasound transducer form an assembly adapted to pass in an operating channel of an endoscopic apparatus.

16. (previously presented) The coagulation instrument of claim 15, wherein the coagulation instrument has a diameter less than 1 to 5 mm.

17. (original) The coagulation instrument of claim 15, wherein the cable is flexible.

18. (original) The coagulation instrument of claim 16, wherein the cable is flexible.

19. (currently amended) An endoscopic apparatus comprising:

- a coagulation instrument having a planar ultrasound transducer without a membrane, mounted in the region of an end of a cable, and

- a cooling and coupling fluid circuit, with fluid inlet and outlet openings,

in which:

- said planar ultrasound transducer is for emitting a coagulating ultrasound beam along a path toward a target to be coagulated;

- the coagulation instrument is arranged without interface part in the path toward the target to be coagulated;

- said planar ultrasound transducer is powered via said cable; and
- said cable and said planar ultrasound transducer form an assembly adapted to pass in an operating channel of the endoscopic apparatus.

20. (original) The endoscopic apparatus of claim 19, wherein the fluid inlet and outlet openings are in the region of the transducer.

21. (original) The endoscopic apparatus of claim 19, wherein the coagulation instrument has a diameter less than 1 to 5 mm.

22. (original) The endoscopic apparatus of claim 19, wherein the cable is flexible.

23. (original) The endoscopic apparatus of claim 19, wherein the transducer is in the region of a free end of the apparatus.

24. (currently amended) A laparoscopy probe ~~having~~ comprising at least one planar ultrasound transducer without a membrane, in which said planar ultrasound transducer is for emitting a coagulating ultrasound beam along a path toward a target to be coagulated and the laparoscopy probe is arranged without interface part in the path towards the target to be coagulated.

25. (new) The probe of claim 1, further comprising a scalpel blade, wherein said scalpel blade is movable with respect to said transducer.